

Name _____

Test Date

Date _____

Period _____

Chapter 4 Test Study Guide

Vocabulary and Writing

1. Define **prime number**, then list all prime numbers under 25.

2. Mrs. Minera used a factor tree to find the prime factorization of 36. What mistake did she make? Identify her mistake and correct it.

3. Define **greatest common factor**, then list the steps you take to find the GCF between two or more numbers. There are 3 methods (chart, tree, cake), choose one to write about.

Greatest Common Factor:

The method I use (circle one): factor chart, factor tree, cake

The steps for using this method to find GCF are:

Textbook Review

Directions: Spend a little extra quality time with Chapter 4 at home 😊 Complete the following problems from “**Chapter 4 Review**” on **pages 204 and 205** of your textbook. Use your **class notes**, **foldables** and **textbook** to help you solve each problem. Show your work.

<p>6. Circle all digits that the number below is divisible by:</p> <div style="text-align: center; margin-top: 20px;">756</div> <div style="margin-top: 10px;"> 2 3 5 9 10 </div>	<p>7. Circle all digits that the number below is divisible by:</p> <div style="text-align: center; margin-top: 20px;">3,330</div> <div style="margin-top: 10px;"> 2 3 5 9 10 </div>
<p>8.</p>	<p>9.</p>
<p>10.</p> <p>28 = _____</p>	<p>12.</p> <p>100 = _____</p>
<p>14.</p>	<p>16.</p>

The GCF 18 and 28= _____	The GCF of 25 and 35 = _____
17.	18. Three fractions equivalent to $\frac{5}{20}$:
The GCF of 16 and 40 = _____	
19. Three fractions equivalent to $\frac{4}{6}$:	20. Three fractions equivalent to $\frac{1}{3}$:
21. Three fractions equivalent to $\frac{2}{9}$:	22.
23.	24.
25.	26.
	The LCM of 12 and 22 = _____
27.	

The LCM of 10, 20 and 35 = _____	
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